Ana I Robles

List of Publications by Year
in descending order

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81 papers	9,740 citations	50276 46 h-index	54911 84 g-index
85 all docs	85 docs citations	85 times ranked	14513 citing authors

#	Article	IF	Citations
1	Genetic variation in microRNA networks: the implications for cancer research. Nature Reviews Cancer, 2010, 10, 389-402.	28.4	1,184
2	Predicting hepatitis B virusâ€“positive metastatic hepatocellular carcinomas using gene expression profiling and supervised machine learning. Nature Medicine, 2003, 9, 416-423.	30.7	805
3	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. Cell, 2019, 179, 964-983.e31.	28.9	430
4	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. Cell, 2020, 182, 200-225.e35.	28.9	410
5	Mutant p53 cancers reprogram macrophages to tumor supporting macrophages via exosomal miR-1246. Nature Communications, 2018, 9, 771.	12.8	356
6	Proteogenomic and metabolomic characterization of human glioblastoma. Cancer Cell, 2021, 39, 509-528.e20.	16.8	327
7	p53-Induced Up-Regulation of MnSOD and GPx but not Catalase Increases Oxidative Stress and Apoptosis. Cancer Research, 2004, 64, 2350-2356.	0.9	326
8	Proteogenomic Characterization of Endometrial Carcinoma. Cell, 2020, 180, 729-748.e26.	28.9	296
9	Hsp90 inhibitor PU-H71, a multimodal inhibitor of malignancy, induces complete responses in triple-negative breast cancer models. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8368-8373.	7.1	286
10	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. Cell, 2020, 183, 1436-1456.e31.	28.9	273
11	Interaction between the microbiome and TP53 in human lung cancer. Genome Biology, 2018, 19, 123.	8.8	247
12	Clinical Outcomes and Correlates of TP53 Mutations and Cancer. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001016-a001016.	5.5	237
13	Proteogenomic characterization of pancreatic ductal adenocarcinoma. Cell, 2021, 184, 5031-5052.e26.	28.9	236
14	Reduced skin tumor development in cyclin D1-deficient mice highlights the oncogenic ras pathway in vivo. Genes and Development, 1998, 12, 2469-2474.	5.9	202
15	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. Cell, 2020, 183, 1962-1985.e31.	28.9	177
16	A proteogenomic portrait of lung squamous cell carcinoma. Cell, 2021, 184, 4348-4371.e40.	28.9	170
17	p53-Mediated apoptosis is attenuated in Werner syndrome cells. Genes and Development, 1999, 13, 1355-1360.	5.9	161
18	Expression of cyclin D1 in epithelial tissues of transgenic mice results in epidermal hyperproliferation and severe thymic hyperplasia.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7634-7638.	7.1	155

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19	A purine scaffold Hsp90 inhibitor destabilizes BCL-6 and has specific antitumor activity in BCL-6â€“dependent B cell lymphomas. Nature Medicine, 2009, 15, 1369-1376.	30.7	149
20	The p53 network in lung carcinogenesis. Oncogene, 2002, 21, 6898-6907.	5.9	130
21	Functional Interaction of p53 and BLM DNA Helicase in Apoptosis. Journal of Biological Chemistry, 2001, 276, 32948-32955.	3.4	129
22	Downregulation of splicing factor SRSF3 induces p53Î², an alternatively spliced isoform of p53 that promotes cellular senescence. Oncogene, 2013, 32, 2792-2798.	5.9	127
23	Laser capture microdissection and microarray expression analysis of lung adenocarcinoma reveals tobacco smoking- and prognosis-related molecular profiles. Cancer Research, 2002, 62, 3244-50.	0.9	123
24	Microenvironmental modulation of asymmetric cell division in human lung cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2195-2200.	7.1	122
25	Long Noncoding RNA PURPL Suppresses Basal p53 Levels and Promotes Tumorigenicity in Colorectal Cancer. Cell Reports, 2017, 20, 2408-2423.	6.4	120
26	Functional interaction between BLM helicase and 53BP1 in a Chk1-mediated pathway during S-phase arrest. Journal of Cell Biology, 2004, 166, 801-813.	5.2	118
27	Novel Indenoisoquinolines NSC 725776 and NSC 724998 Produce Persistent Topoisomerase I Cleavage Complexes and Overcome Multidrug Resistance. Cancer Research, 2007, 67, 10397-10405.	0.9	118
28	A Flexible Reporter System for Direct Observation and Isolation of Cancer Stem Cells. Stem Cell Reports, 2015, 4, 155-169.	4.8	110
29	Regulation of gene expression by the BLM helicase correlates with the presence of G-quadruplex DNA motifs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9905-9910.	7.1	108
30	An Integrated Prognostic Classifier for Stage I Lung Adenocarcinoma Based on mRNA, microRNA, and DNA Methylation Biomarkers. Journal of Thoracic Oncology, 2015, 10, 1037-1048.	1.1	103
31	The p53 Tumor Suppressor Network Is a Key Responder to Microenvironmental Components of Chronic Inflammatory Stress. Cancer Research, 2005, 65, 10255-10264.	0.9	93
32	WNT16B Is a New Marker of Cellular Senescence That Regulates p53 Activity and the Phosphoinositide 3-Kinase/AKT Pathway. Cancer Research, 2009, 69, 9183-9191.	0.9	91
33	Early overexpression of cyclin D1 protein in mouse skin carcinogenesis. Carcinogenesis, 1995, 16, 781-786.	2.8	87
34	rs4919510 in hsa-mir-608 Is Associated with Outcome but Not Risk of Colorectal Cancer. PLoS ONE, 2012, 7, e36306.	2.5	85
35	The Werner syndrome RECQ helicase targets G4 DNA in human cells to modulate transcription. Human Molecular Genetics, 2016, 25, 2060-2069.	2.9	81
36	Expression and clinical significance of genes frequently mutated in small cell lung cancers defined by whole exome/RNA sequencing. Carcinogenesis, 2015, 36, 616-621.	2.8	73

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37	HSP90 inhibitor, DMAG, synergizes with radiation of lung cancer cells by interfering with base excision and ATM-mediated DNA repair. Molecular Cancer Therapeutics, 2008, 7, 1985-1992.	4.1	70
38	Germline variation in NCF4, an innate immunity gene, is associated with an increased risk of colorectal cancer. International Journal of Cancer, 2014, 134, 1399-1407.	5.1	70
39	Inflammation-Mediated Genetic and Epigenetic Alterations Drive Cancer Development in the Neighboring Epithelium upon Stromal Abrogation of TGF-Î² Signaling. PLoS Genetics, 2013, 9, e1003251.	3.5	69
40	3â€²-UTR and Functional Secretor Haplotypes in Mannose-Binding Lectin 2 Are Associated with Increased Colon Cancer Risk in African Americans. Cancer Research, 2012, 72, 1467-1477.	0.9	68
41	Apoptotic Signaling Pathways Induced by Nitric Oxide in Human Lymphoblastoid Cells Expressing Wild-Type or Mutant p53. Cancer Research, 2004, 64, 3022-3029.	0.9	64
42	Methylation analyses in liquid biopsy. Translational Lung Cancer Research, 2016, 5, 492-504.	2.8	58
43	Identification of a Functional SNP in the 3â€²UTR of CXCR2 That Is Associated with Reduced Risk of Lung Cancer. Cancer Research, 2015, 75, 566-575.	0.9	53
44	Combination of Protein Coding and Noncoding Gene Expression as a Robust Prognostic Classifier in Stage I Lung Adenocarcinoma. Cancer Research, 2013, 73, 3821-3832.	0.9	52
45	Clinical Outcomes of TP53 Mutations in Cancers. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026294.	6.2	49
46	Î”133p53 represses p53-inducible senescence genes and enhances the generation of human induced pluripotent stem cells. Cell Death and Differentiation, 2017, 24, 1017-1028.	11.2	49
47	Drug-induced apoptosis is delayed and reduced in XPD lymphoblastoid cell lines: possible role of TFIIH in p53-mediated apoptotic cell death. Oncogene, 1999, 18, 4681-4688.	5.9	48
48	Proteogenomic Characterization of Ovarian HGSC Implicates Mitotic Kinases, Replication Stress in Observed Chromosomal Instability. Cell Reports Medicine, 2020, 1, 100004.	6.5	46
49	Integration of multiple â€œOMICâ€•biomarkers: A precision medicine strategy for lung cancer. Lung Cancer, 2017, 107, 50-58.	2.0	45
50	Accelerated Preclinical Testing Using Transplanted Tumors from Genetically Engineered Mouse Breast Cancer Models. Clinical Cancer Research, 2007, 13, 2168-2177.	7.0	44
51	Targeted Disruption of Ing2 Results in Defective Spermatogenesis and Development of Soft-Tissue Sarcomas. PLoS ONE, 2010, 5, e15541.	2.5	43
52	A small protein encoded by a putative lncRNA regulates apoptosis and tumorigenicity in human colorectal cancer cells. ELife, 2020, 9, .	6.0	43
53	Functional Interaction of Tumor Suppressor DLC1 and Caveolin-1 in Cancer Cells. Cancer Research, 2012, 72, 4405-4416.	0.9	42
54	Schedule-Dependent Synergy between the Heat Shock Protein 90 Inhibitor 17-(Dimethylaminoethylamino)-17-Demethoxygeldanamycin and Doxorubicin Restores Apoptosis to p53-Mutant Lymphoma Cell Lines. Clinical Cancer Research, 2006, 12, 6547-6556.	7.0	35

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55	Epigenetic predictive biomarkers for response or outcome to platinum-based chemotherapy in non-small cell lung cancer, current state-of-art. Pharmacogenomics Journal, 2019, 19, 5-14.	2.0	34
56	Cigarette smoke mediates epigenetic repression of miR-217 during esophageal adenocarcinogenesis. Oncogene, 2015, 34, 5548-5559.	5.9	32
57	Contribution of genetic factors to platinum-based chemotherapy sensitivity and prognosis of non-small cell lung cancer. Mutation Research - Reviews in Mutation Research, 2017, 771, 32-58.	5.5	30
58	Positive immunohistochemical staining of p53 and cyclin D in advanced mouse skin tumors, but not in precancerous lesions produced by benzo[a]pyrene. Carcinogenesis, 1995, 16, 1629-1635.	2.8	28
59	Liquid biopsy in early stage lung cancer. Translational Lung Cancer Research, 2016, 5, 517-524.	2.8	28
60	KRAS-LCS6 Genotype as a Prognostic Marker in Early-Stage CRCâ€“Letter. Clinical Cancer Research, 2012, 18, 3487-3488.	7.0	27
61	A Two-Gene Prognostic Classifier for Early-Stage Lung Squamous Cell Carcinoma in Multiple Large-Scale and Geographically Diverse Cohorts. Journal of Thoracic Oncology, 2017, 12, 65-76.	1.1	26
62	A DRD1 Polymorphism Predisposes to Lung Cancer among Those Exposed to Secondhand Smoke during Childhood. Cancer Prevention Research, 2014, 7, 1210-1218.	1.5	25
63	The Expression of Four Genes as a Prognostic Classifier for Stage I Lung Adenocarcinoma in 12 Independent Cohorts. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2884-2894.	2.5	24
64	MDM2 SNP285 does not antagonize the effect of SNP309 in lung cancer. International Journal of Cancer, 2012, 131, 2710-2716.	5.1	20
65	Interleukins as new prognostic genetic biomarkers in non-small cell lung cancer. Surgical Oncology, 2017, 26, 278-285.	1.6	20
66	A novel ING2 isoform, ING2b, synergizes with ING2a to prevent cell cycle arrest and apoptosis. FEBS Letters, 2008, 582, 3868-3874.	2.8	19
67	p53. Chest, 2004, 125, 83S-85S.	0.8	16
68	Harnessing genetically engineered mouse models for preclinical testing. Chemico-Biological Interactions, 2008, 171, 159-164.	4.0	15
69	Nitric Oxide Is a Signaling Molecule that Regulates Gene Expression. Methods in Enzymology, 2005, 396, 326-340.	1.0	14
70	A Nucleolar Stressâ€“Specific p53â€“miR-101 Molecular Circuit Functions as an Intrinsic Tumor-Suppressor Network. EBioMedicine, 2018, 33, 33-48.	6.1	14
71	Inverse association of vitamin D₃ levels with lung cancer mediated by genetic variation. Cancer Medicine, 2018, 7, 2764-2775.	2.8	14
72	HOXA9 methylation and blood vessel invasion in FFPE tissues for prognostic stratification of stage I lung adenocarcinoma patients. Lung Cancer, 2018, 122, 151-159.	2.0	13

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73	Low frequency of codon 61 Ha-ras mutations and lack of keratin 13 expression in 7,12-dimethylbenz[a]-anthraceneâ€"induced hamster skin tumors. Molecular Carcinogenesis, 1993, 7, 94-98.	2.7	9
74	KRT81 miR-SNP rs3660 is associated with risk and survival of NSCLC. Annals of Oncology, 2016, 27, 360-361.	1.2	8
75	miRNA Signature of Mouse Helper T Cell Hyper-Proliferation. PLoS ONE, 2013, 8, e66709.	2.5	8
76	A primate-specific microRNA enters the lung cancer landscape. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18748-18749.	7.1	6
77	Sputum-based DNA methylation biomarkers to guide lung cancer screening decisions. Journal of Thoracic Disease, 2017, 9, 4308-4310.	1.4	4
78	Prenatal smoke exposure, DNA methylation and a link between DRD1 and lung cancer. International Journal of Epidemiology, 2019, 48, 1377-1378.	1.9	2
79	Synergy of the Purine-Scaffold HSP90 Inhibitor, PU-H71, with Doxorubicin in Non-Hodgkinâ€™s Lymphoma Cell Lines.. Blood, 2007, 110, 1399-1399.	1.4	2
80	Gene expression classifier for prognosis of early-stage squamous cell carcinoma of the lung. Journal of Thoracic Oncology, 2016, 11, S38-S39.	1.1	1
81	Seeing the Forest through the Phylogenetic Tree. New England Journal of Medicine, 2017, 376, 2190-2191.	27.0	1